Monthly Gas Utility Statistical Report

American Gas Association

Department of Statistics

American Gas Association
1515 Wilson Blvd., Arlington, Virginia 22209
Telephone 703-841-8503

September 1983

Residential sales, commercial sales, and industrial sales showed a decline in September of 1983 compared to last year. Residential sales decreased 7.5 percent, commercial sales decreased 4.8 percent, and industrial sales decreased 7.7 percent. Total gas utility sales were down 7.0 percent from 783.5 trillion Btu in September 1982 to 728.3 trillion Btu in September 1983.

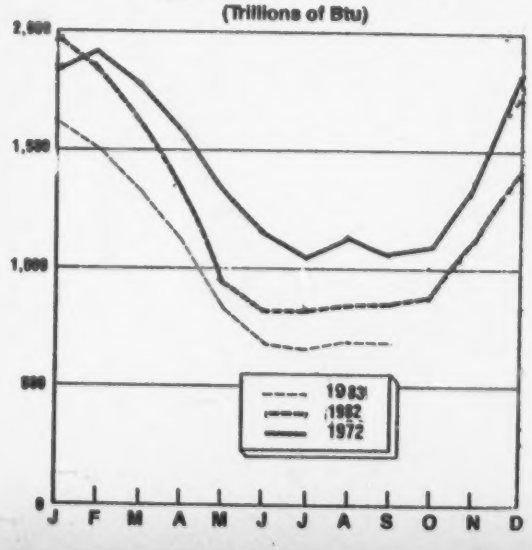
GAS SALES TO ULTIMATE CONSUMERS
(Trillions of Btu)

	September			Year to Date (% change from)		January 1 to December 31		
	1983	1982	% Change[2]	1983*	Last Period	1983 Forecast[1]	1982	% Change
Residential	127.6	137.9	- 7.5	3,242.7	- 10.0	4,472.1	4,770.0	- 6.2
Commercial	96.9	101.8	- 4.8	1,680.4	- 9.1	2,315.8	2,471.3	- 6.3
Industrial	495.4	536.7	- 7.7	4,270.8	- 19.4	5,861.6	6,891.6	-14.9
Other	8.4	7.1	-	105.1	-	154.0	147.6	-
Total	728.3	783.5	- 7.0	9,299.0	- 14.4	12,803.5	14,280.5	-10.3

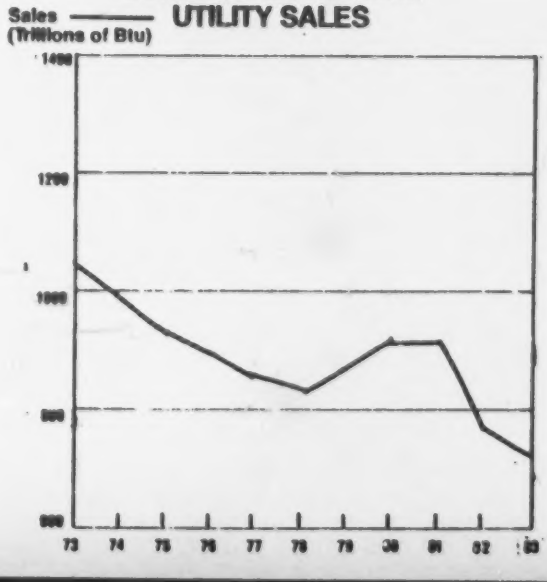
Gas sales are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas sales to ultimate consumers.

*The year to date sales figures have been adjusted to reflect 1982 Gas Facts.

MONTHLY GAS UTILITY SALES



CURRENT MONTH GAS UTILITY SALES



RESIDENTIAL APPLIANCE SHIPMENTS
(Thousands of Units)

September

	1983	1982[R]	% Change '82 vs '83
Domestic Range			
Gas	154.2	132.6	+ 16.3
Electric	249.6	168.8	+ 47.9
Clothes Dryers			
Gas	62.5	55.0	+ 13.6
Electric	246.5	190.1	+ 29.7
Warm Air Furnaces			
Gas	176.3	125.6	+ 40.4
Electric	36.3	17.5	+ 107.2
Oil	18.0	16.3	+ 10.4
Boilers			
Gas	18.3	21.1	- 13.1
Electric	0.1	0.1	+ 1.0
Oil	10.5	10.1	+ 3.5

[R]Revised

Sources: Gas Appliance Manufacturers Association (GAMA)

ECONOMIC INDICATORS

September

	1983	1982	% Change '82 vs '83
Total Actual Private Housing Starts (Thous. of units)	165.2	108.3	+ 52.5
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	590.5	517.6	+ 14.1
Electricity	342.3	332.5	+ 2.9
Fuel Oil	631.2	685.9	- 8.0
Index Total Gas Sales (1967 = 100)	87.8	94.4	- 7.0
Gas Utility Prices ($/MMBtu)			
Residential	6.81	5.97	+ 14.1
Commercial	5.52	4.98	+ 10.8
Industrial	4.20	4.07	+ 3.2
Total	4.83	4.52	+ 6.9

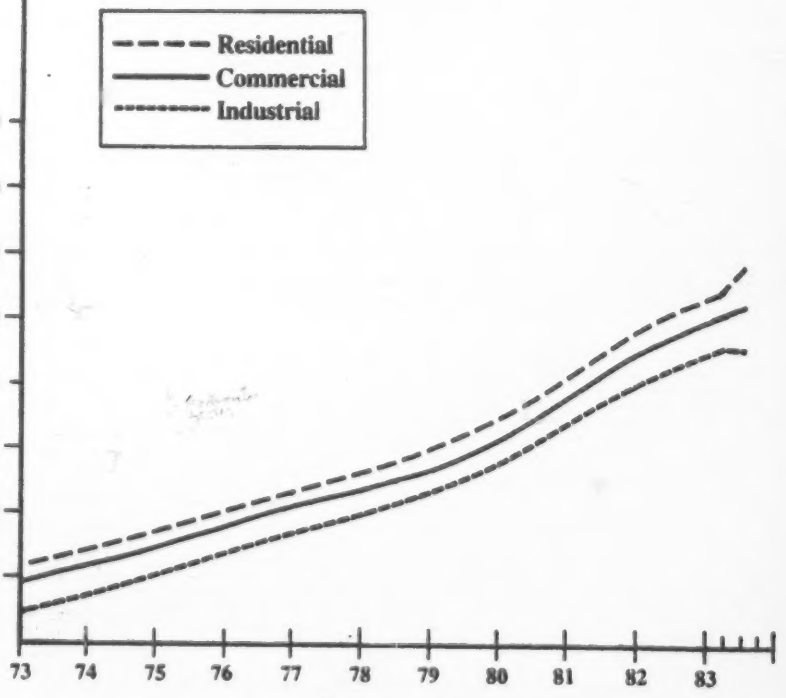
Sources: Department of Commerce, Bureau of Labor Statistics, A.G.A.

AVERAGE ANNUAL GAS UTILITY PRICES
($/MMBtu)

Year	Total	Res.	Comm.	Ind.	Oth.
1973	0.79	1.25	0.95	0.50	0.44
1974	0.95	1.42	1.11	0.66	0.60
1975	1.29	1.69	1.38	0.99	0.94
1976	1.60	1.98	1.68	1.31	1.36
1977	1.97	2.33	2.07	1.69	1.74
1978	2.18	2.53	2.28	1.90	1.79
1979	2.52	2.92	2.66	2.23	1.94
1980	3.13	3.61	3.34	2.79	2.64
1981	3.65	4.16	3.91	3.29	3.46
1982	4.44	4.97	4.72	3.97	4.30
1983[P] (1st qtr)	5.20	5.61	5.42	4.50	5.07
(2nd qtr)	5.16	5.97	5.55	4.41	4.62

[P]Preliminary

AVERAGE GAS UTILITY PRICES
($/MMBtu)



[1]1983 forecasts for the residential and commercial sectors are based on available 1983 monthly data. The remaining months are derived by using a four year average.

The industrial sector forecast is also based on available 1983 monthly data. The remaining months of 1983 are heavily weighted by last years sales with no adjustment made for degree days.

[2]The percent change is a function of the 69 sample companies.

Monthly Gas Utility Statistical Report

A1775-2

American Gas Association

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October 1983

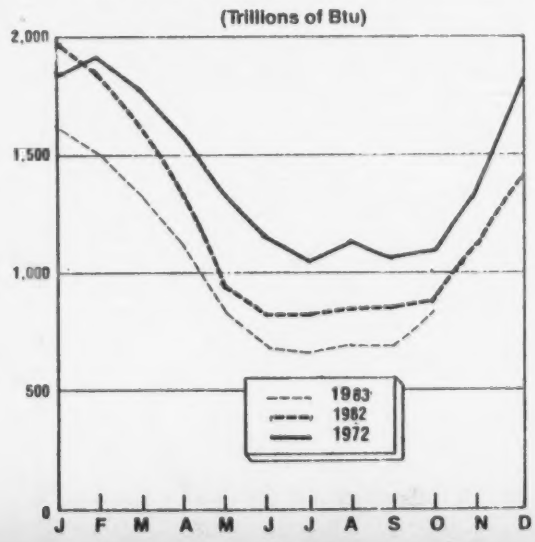
Residential sales, commercial sales, and industrial sales showed a decline in October of 1983 compared to last year. Residential sales decreased 3.1 percent, commercial sales decreased 4.0 percent, and industrial sales decreased 3.4 percent. Total gas utility sales were down 3.3 percent from 874.6 trillion Btu in October 1982 to 846.0 trillion Btu in October 1983.

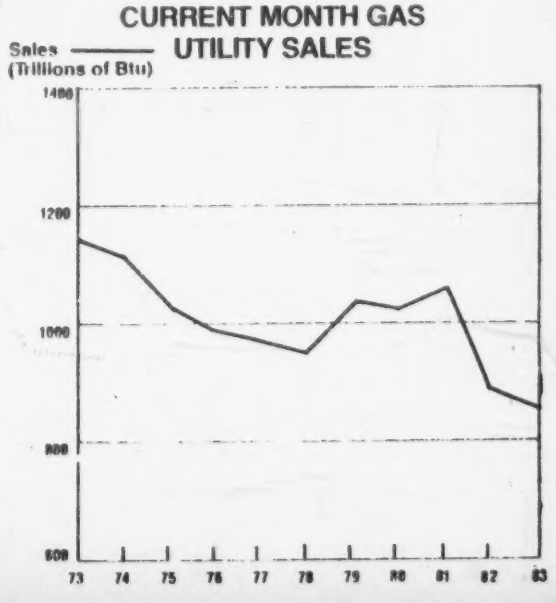
GAS SALES TO ULTIMATE CONSUMERS
(Trillions of Btu)

	October			Year to Date (% change from)		January 1 to December 31		
	1983	1982	% Change[2]	1983*	Last Period	1983 Forecast[1]	1982	% Change
Residential	200.5	206.9	- 3.1	3,443.2	- 9.6	4,451.5	4,770.0	- 6.7
Commercial	123.5	128.7	- 4.0	1,803.9	- 8.8	2,306.7	2,471.3	- 6.7
Industrial	511.7	529.7	- 3.4	5,080.2	- 12.9	6,141.3	6,891.6	-10.9
Other	10.3	9.3	-	115.1	-	152.7	147.6	-
Total	846.0	874.6	- 3.3	10,442.4	- 11.0	13,052.2	14,280.5	- 8.6

Gas sales are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas sales to ultimate consumers.

NOTE: Year to date and 1983 sales figures have been adjusted to reflect what was originally thought to be load loss, but was actually losses to other utilities not in the 69 company sample.





(Thousands of Units)

October

	1983	1982[R]	% Change '82 vs '83
Domestic Range			
Gas	136.5	112.9	+ 20.9
Electric	265.2	202.2	+ 31.2
Clothes Dryers			
Gas	68.2	54.3	+ 25.6
Electric	254.8	206.6	+ 23.3
Warm Air Furnaces			
Gas	197.1	139.8	+ 41.0
Electric	29.5	16.6	+ 77.7
Oil	18.3	14.6	+ 25.3
Boilers			
Gas	24.0	24.1	- 0.3
Electric	0.1	0.1	- 25.5
Oil	12.6	11.5	+ 9.4

[R]Revised

Sources: Gas Appliance Manufacturers Association (GAMA)

ECONOMIC INDICATORS

October

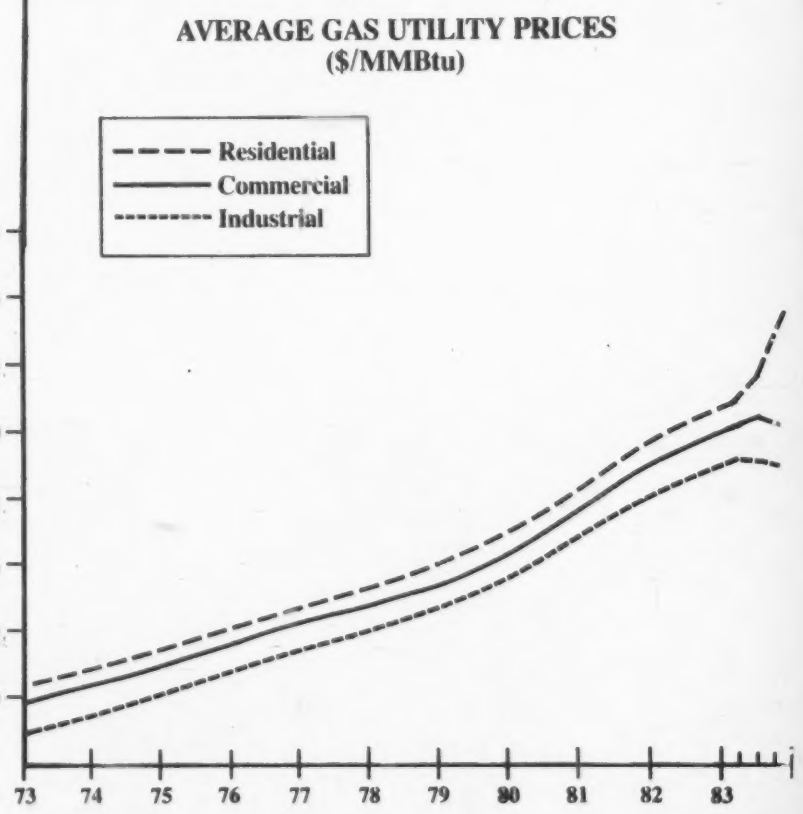
	1983	1982	% Change '82 vs '83
Total Actual Private Housing Starts (Thous. of units)	155.2	110.5	+ 40.5
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	582.4	541.8	+ 7.5
Electricity	339.2	327.1	+ 3.7
Fuel Oil	632.6	699.0	- 9.5
Index Total Gas Sales (1967 = 100)	91.6	94.7	- 3.3
Gas Utility Prices ($/MMBtu)			
Residential	6.18	5.75	+ 7.5
Commercial	5.23	5.01	+ 4.4
Industrial	4.09	4.13	- 1.0
Total	4.78	4.65	+ 2.8

Sources: Department of Commerce, Bureau of Labor Statistics, A.G.A.

AVERAGE ANNUAL GAS UTILITY PRICES
($/MMBtu)

Year	Total	Res.	Comm.	Ind.	Oth.
1973	0.79	1.25	0.95	0.50	0.44
1974	0.95	1.42	1.11	0.66	0.60
1975	1.29	1.69	1.38	0.99	0.94
1976	1.60	1.98	1.68	1.31	1.36
1977	1.97	2.33	2.07	1.69	1.74
1978	2.18	2.53	2.28	1.90	1.79
1979	2.52	2.92	2.66	2.23	1.94
1980	3.13	3.61	3.34	2.79	2.64
1981	3.65	4.16	3.91	3.29	3.46
1982	4.44	4.97	4.72	3.97	4.30
1983[P] (1st qtr)	5.20	5.61	5.42	4.50	5.07
(2nd qtr)	5.16	5.97	5.55	4.41	4.62
(3rd qtr)	4.80	6.81	5.47	4.18	4.36

[P]Preliminary



[1]1983 forecasts for the residential and commercial sectors are based on available 1983 monthly data. The remaining months are derived by using a four year average.

The industrial sector forecast is also based on available 1983 monthly data. The remaining months of 1983 are heavily weighted by last years sales with no adjustment made for degree days.

[2]The percent change is a function of the 69 sample companies.

Monthly Gas Utility Statistical Report

11/16/84
A1775-2

American Gas Association

Department of Statistics

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November 1983

Residential sales, commercial sales, and industrial sales showed a decline in November of 1983 compared to last year. Residential sales decreased 5.1 percent, commercial sales decreased 8.0 percent, and industrial sales decreased 7.2 percent. Total gas utility sales were down 6.5 percent from 1,123.8 trillion Btu in November 1982 to 1,051.0 trillion Btu in November 1983.

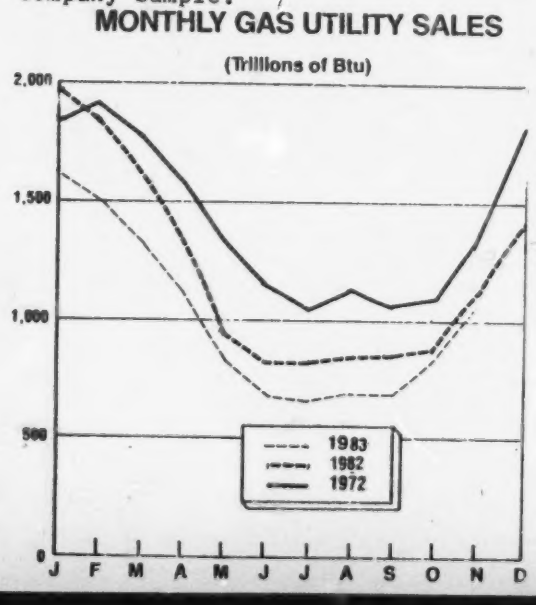
GAS SALES TO ULTIMATE CONSUMERS
(Trillions of Btu)

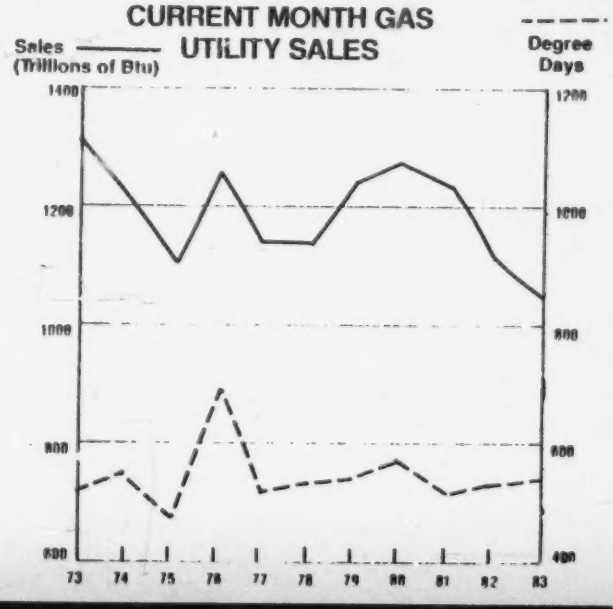
	November			Year to Date (% change from)		January 1 to December 31		
	1983	1982	% Change[2]	1983*	Last Period	1983 Forecast[1]	1982	% Change
Residential	356.0	375.1	- 5.1	3,799.2	- 9.2	4,419.4	4,770.0	- 7.4
Commercial	189.6	206.0	- 8.0	1,993.5	- 8.7	2,292.4	2,471.3	- 7.2
Industrial	491.9	530.0	- 7.2	5,572.1	- 12.4	6,103.2	6,891.6	-11.4
Other	13.5	12.7	-	128.6	-	150.8	147.6	-
Total	1,051.0	1,123.8	- 6.5	11,493.4	- 10.6	12,965.8	14,280.5	- 9.2
Degree Days	526	543	- 3.1					

(NOAA - weighted by Gas Homeheating Customers - Normal for November is 568)

Gas sales are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas sales to ultimate consumers.

NOTE: Year to date and 1983 sales figures have been adjusted to reflect what was originally thought to be load loss, but was actually losses to other utilities not in the 69 company sample.





RESIDENTIAL APPLIANCE SHIPMENTS
(Thousands of Units)

November

	1983	1982[R]	% Change '82 vs '83
Domestic Range			
Gas	134.1	114.3	+ 17.3
Electric	253.9	195.0	+ 30.2
Clothes Dryers			
Gas	67.3	56.2	+ 19.8
Electric	245.6	195.2	+ 25.8
Warm Air Furnaces			
Gas	168.7	127.3	+ 32.5
Electric	24.7	15.1	+ 63.4
Oil	18.7	14.6	+ 28.2
Boilers			
Gas	20.4	17.7	+ 15.5
Electric	0.1	0.1	- 31.3
Oil	9.2	9.5	- 2.8

[R]Revised

Sources: Gas Appliance Manufacturers Association (GAMA)

ECONOMIC INDICATORS

November

	1983	1982	% Change '82 vs '83
Total Actual Private Housing Starts (Thous. of units)	136.8	108.9	+ 25.6
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	576.3	543.2	+ 6.1
Electricity	331.8	318.4	+ 4.2
Fuel Oil	631.5	712.8	- 11.4
Index Total Gas Sales (1967 = 100)	91.3	97.6	- 6.5
Gas Utility Prices ($/MMBtu)			
Residential	5.83	5.55	+ 5.0
Commercial	5.31	5.12	+ 3.7
Industrial	4.11	4.22	- 2.6
Total	4.92	4.84	+ 1.7

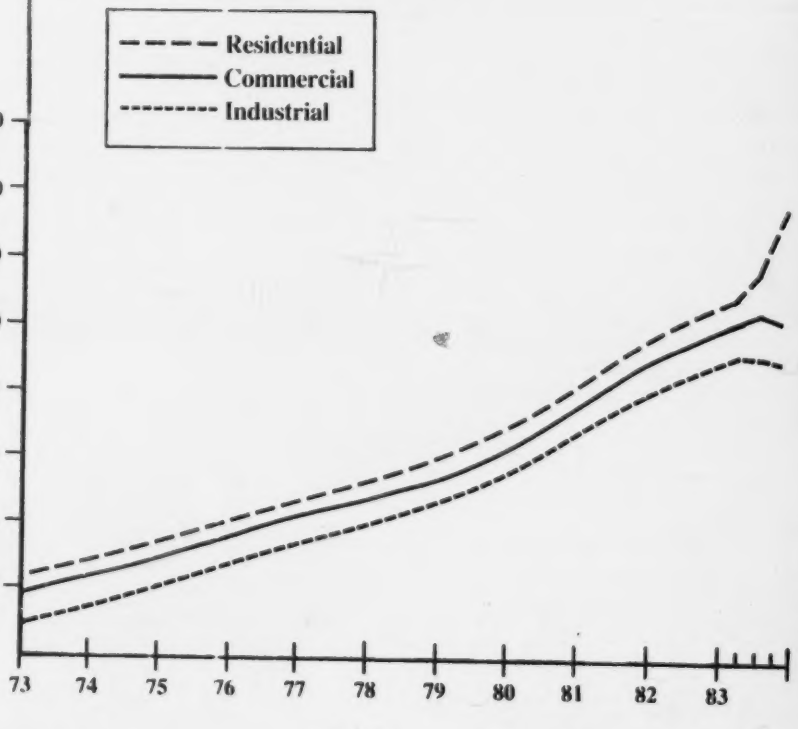
Sources: Department of Commerce, Bureau of Labor Statistics, A.G.A.

AVERAGE ANNUAL GAS UTILITY PRICES
($/MMBtu)

Year	Total	Res.	Comm.	Ind.	Oth.
1973	0.79	1.25	0.95	0.50	0.44
1974	0.95	1.42	1.11	0.66	0.60
1975	1.29	1.69	1.38	0.99	0.94
1976	1.60	1.98	1.68	1.31	1.36
1977	1.97	2.33	2.07	1.69	1.74
1978	2.18	2.53	2.28	1.90	1.79
1979	2.52	2.92	2.66	2.23	1.94
1980	3.13	3.61	3.34	2.79	2.64
1981	3.65	4.16	3.91	3.29	3.46
1982	4.44	4.97	4.72	3.97	4.30
1983[P] (1st qtr)	5.20	5.61	5.42	4.50	5.07
(2nd qtr)	5.16	5.97	5.55	4.41	4.62
(3rd qtr)	4.80	6.81	5.47	4.18	4.36

[P]Preliminary

AVERAGE GAS UTILITY PRICES
($/MMBtu)



[1]1983 forecasts for the residential and commercial sectors are based on available 1983 monthly data. The remaining months are derived by using a four year average.

The industrial sector forecast is also based on available 1983 monthly data. The remaining months of 1983 are heavily weighted by last years sales with no adjustment made for degree days.

[2]The percent change is a function of the 69 sample companies.

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Monthly Gas Utility Statistical Report

American Gas Association

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December 1983

Residential sales, commercial sales, and industrial sales showed an increase in December of 1983 compared to last year. Residential sales increased 16.0 percent, commercial sales increased 12.7 percent, and industrial sales increased 1.0 percent. The forecast for 1983 total sales is down 8.4 percent from reported 1982 total sales.

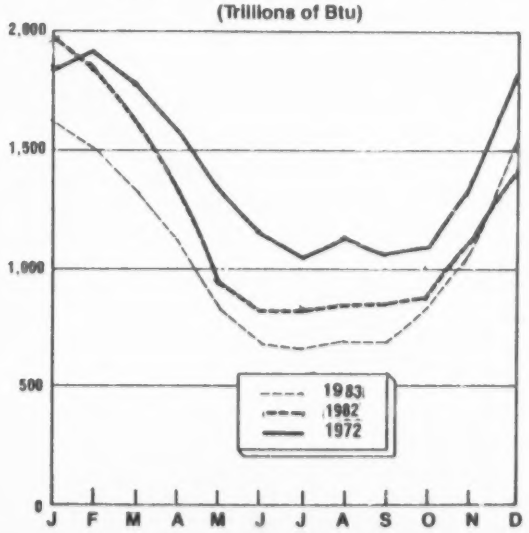
GAS SALES TO ULTIMATE CONSUMERS
(Trillions of Btu)

	December			Heating Season (Nov.-Dec.)		January 1 to December 31		
	1983	1982	% Change[2]	1983	Last Period	1983 Forecast[1]	1982	% Change
Residential	677.7	584.3	+ 16.0	1,033.7	+ 7.7	4,479.5	4,770.0	- 6.1
Commercial	324.1	287.6	+ 12.7	513.7	+ 4.1	2,319.2	2,471.3	- 6.2
Industrial	536.4	531.1	+ 1.0	1,028.3	- 3.1	6,134.4	6,891.6	-11.0
Other	20.5	17.1	-	34.0	-	149.1	147.6	-
Total	1,558.7	1,420.1	+ 9.8	2,609.7	+ 2.6	13,082.2	14,280.5	- 8.4
Degree Days	1043	723	+ 44.3	1569	+ 23.9			

(NOAA - weighted by Gas Homeheating Customers - Normal for December is 861)

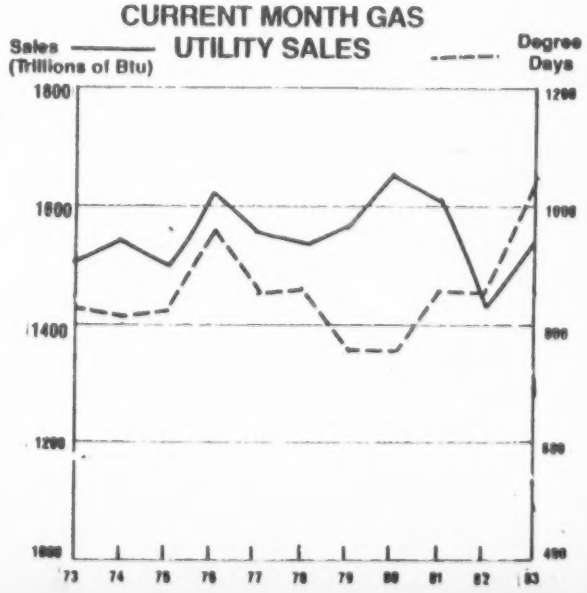
Gas sales are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas sales to ultimate consumers.

MONTHLY GAS UTILITY SALES



The peak year in sales for the Gas Utility Industry occurred in 1972.

CURRENT MONTH GAS UTILITY SALES



RESIDENTIAL APPLIANCE SHIPMENTS
(Thousands of Units)

December

	1983	1982[R]	% Change '82 vs '83
Domestic Range			
Gas	149.0	125.9	+ 18.3
Electric	211.4	175.0	+ 20.8
Clothes Dryers			
Gas	49.5	40.6	+ 21.9
Electric	200.1	151.9	+ 31.7
Warm Air Furnaces			
Gas	172.6	138.2	+ 24.9
Electric	22.0	14.7	+ 49.5
Oil	12.1	10.0	+ 20.7
Boilers			
Gas	14.3	14.8	- 3.6
Electric	0.1	0.1	+ 57.1
Oil	8.0	7.6	+ 5.7

[R]Revised

Sources: Gas Appliance Manufacturers Association (GAMA)

ECONOMIC INDICATORS

December

	1983	1982	% Change '82 vs '83
Total Actual Private Housing Starts (Thous. of units)	107.5	82.9	+ 29.7
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	578.2	549.6	+ 5.2
Electricity	329.8	319.6	+ 3.2
Fuel Oil	631.5	708.7	- 10.9
Index Total Gas Sales (1967 = 100)	110.4	100.6	+ 9.7
Gas Utility Prices ($/MMBtu)			
Residential	5.50	5.40	+ 1.9
Commercial	5.23	5.19	+ 0.8
Industrial	4.16	4.30	- 3.3
Total	4.97	4.95	+ 0.4

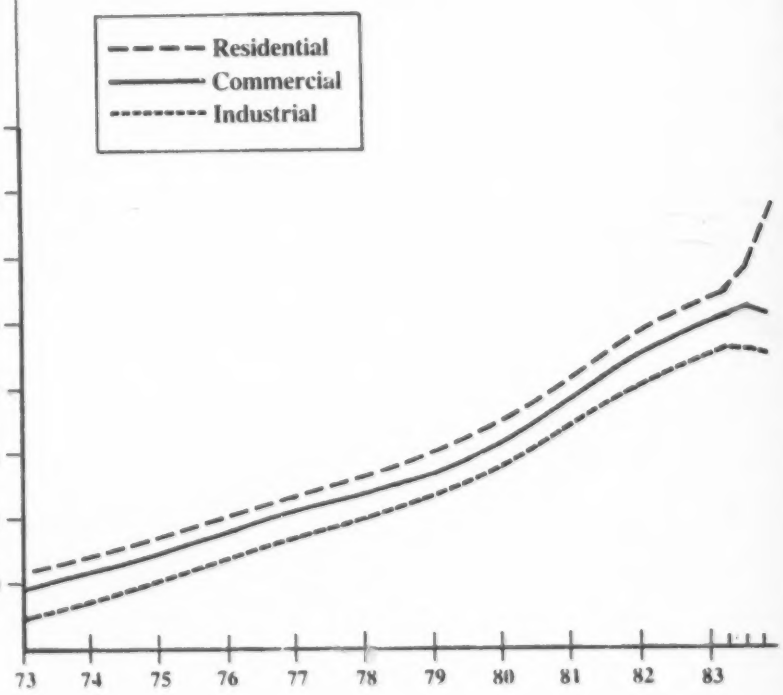
Sources: Department of Commerce, Bureau of Labor Statistics, A.G.A.

AVERAGE ANNUAL GAS UTILITY PRICES
($/MMBtu)

Year	Total	Res.	Comm.	Ind.	Oth.
1973	0.79	1.25	0.95	0.50	0.44
1974	0.95	1.42	1.11	0.66	0.60
1975	1.29	1.69	1.38	0.99	0.94
1976	1.60	1.98	1.68	1.31	1.36
1977	1.97	2.33	2.07	1.69	1.74
1978	2.18	2.53	2.28	1.90	1.79
1979	2.52	2.92	2.66	2.23	1.94
1980	3.13	3.61	3.34	2.79	2.64
1981	3.65	4.16	3.91	3.29	3.46
1982	4.44	4.97	4.72	3.97	4.30
1983[P] (1st qtr)	5.20	5.61	5.42	4.50	5.07
(2nd qtr)	5.16	5.97	5.55	4.41	4.62
(3rd qtr)	4.80	6.81	5.47	4.18	4.36

[P]Preliminary

AVERAGE GAS UTILITY PRICES
($/MMBtu)



[1]1983 forecasts for the residential and commercial sectors are based on available 1983 monthly data. The remaining months are derived by using a four year average.

The industrial sector forecast is also based on available 1983 monthly data. The remaining months of 1983 are heavily weighted by last years sales with no adjustment made for degree days.

[2]The percent change is a function of the 59 sample companies.

3/22/84
A1775-2

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January 1984

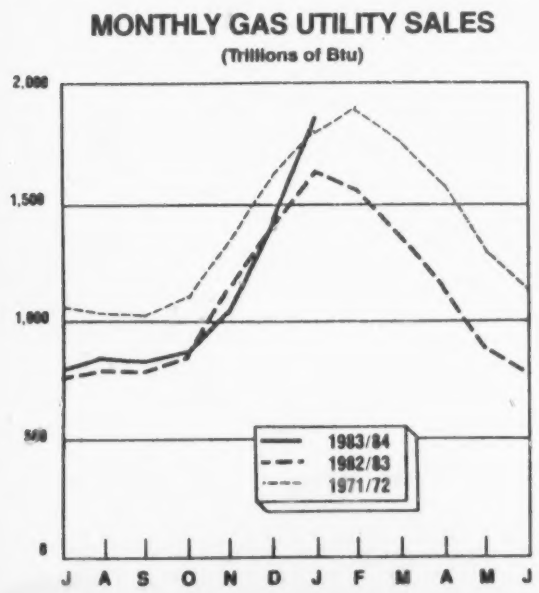
Residential sales, commercial sales, and industrial sales showed an increase in January of 1984 compared to last year. Residential sales increased 24.7 percent, commercial sales increased 20.9 percent, and industrial sales increased 7.2 percent. The Nov.-Jan. heating season sales are up 8.6 percent from last year's comparable period.

GAS SALES TO ULTIMATE CONSUMERS
(Trillions of Btu)

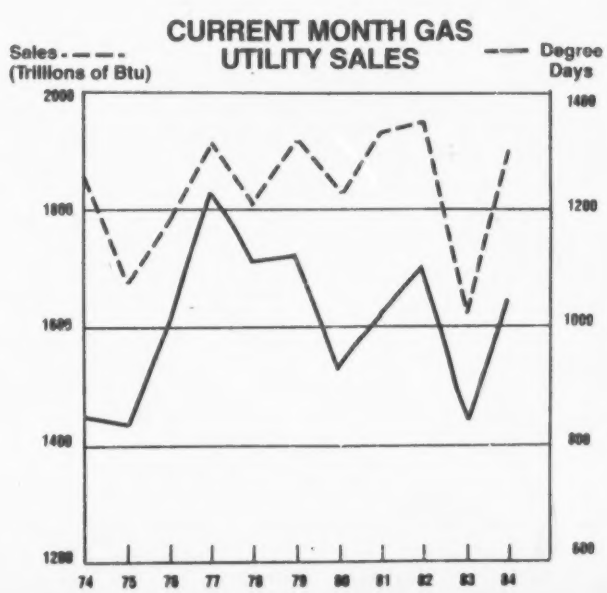
	January			Heating Season (Nov.-Jan.)		January 1 to December 31		
	1984	1983	% Change[2]	1984	Last Period	1984 Forecast[1]	1983[P]	% Change
Residential	899.7	721.5	+ 24.7	1,933.4	+ 15.0	4,762.3	4,479.5	+ 6.3
Commercial	412.6	341.3	+ 20.9	926.3	+ 10.9	2,445.1	2,319.2	+ 5.4
Industrial	565.9	527.9	+ 7.2	1,594.2	+ 0.3	6,172.4	6,134.4	+ 0.6
Other	20.5	16.3	-	54.5	-	161.8	149.1	-
Total	1,898.7	1,607.0	+ 18.2	4,508.4	+ 8.6	13,541.6	13,082.2	+ 3.5
Degree Days	1034	891	+ 16.0	2603	+ 20.7			

(NOAA - weighted by Gas Homeheating Customers - Normal for January is 978)

Gas sales are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas sales to ultimate consumers.
[P]Preliminary data based on A.G.A. sample.



The peak year in sales for the Gas Utility Industry occurred in 1972.



RESIDENTIAL APPLIANCE SHIPMENTS
(Thousands of Units)

January

	1984	1983	% Change '83 vs '84
Domestic Range			
Gas	131.6	108.1	+ 21.7
Electric	260.3	190.1	+ 36.9
Clothes Dryers			
Gas	74.0	52.7	+ 40.4
Electric	292.4	207.3	+ 41.1
Warm Air Furnaces			
Gas	145.6	128.9	+ 13.0
Electric	28.0	18.7	+ 49.6
Oil	11.1	9.5	+ 17.1
Boilers			
Gas	12.5	10.4	+ 20.5
Electric	0.1	0.1	+ 57.1
Oil	6.5	5.4	+ 19.5

Sources: Gas Appliance Manufacturers Association (GAMA)

ECONOMIC INDICATORS

January

	1984	1983	% Change '83 vs '84
Total Actual Private Housing Starts (Thous. of units)	105.8	91.3	+ 15.9
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	571.1	559.1	+ 2.1
Electricity	332.8	319.2	+ 4.3
Fuel Oil	652.7	689.3	- 5.3

SOURCES: Department of Commerce, Bureau of Labor Statistics

Index Total Gas Sales (1972 = 100)	103.6	87.7	+ 18.2
Gas Utility Prices ($/MMBtu)			
Residential	5.51	5.53	- 0.4
Commercial	5.39	5.35	+ 0.7
Industrial	4.40	4.58	- 3.9
Total	5.16	5.19	- 0.6

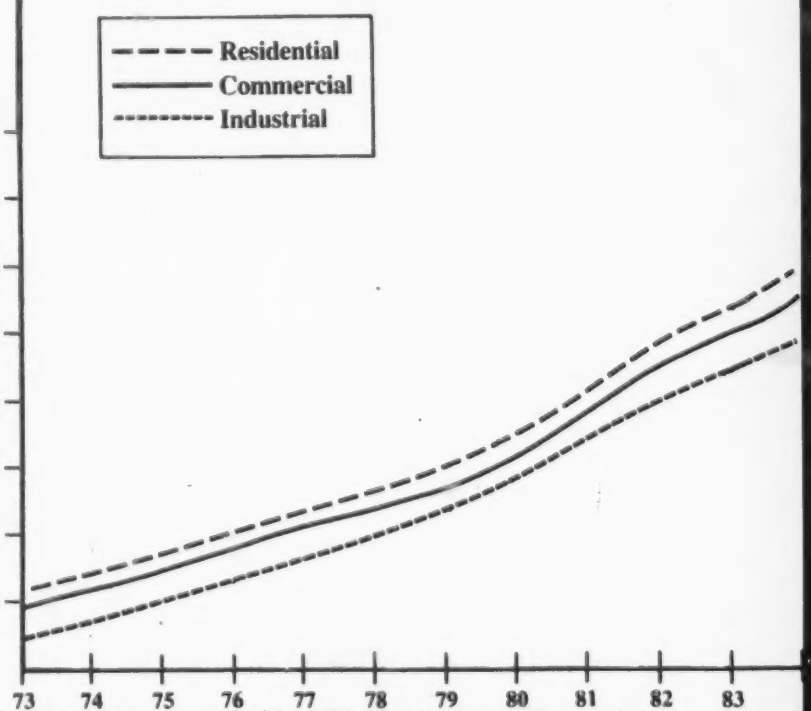
Source: A.G.A.

AVERAGE ANNUAL GAS UTILITY PRICES
($/MMBtu)

Year	Total	Res.	Comm.	Ind.	Oth.
1973	0.79	1.25	0.95	0.50	0.44
1974	0.95	1.42	1.11	0.66	0.60
1975	1.29	1.69	1.38	0.99	0.94
1976	1.60	1.98	1.68	1.31	1.36
1977	1.97	2.33	2.07	1.69	1.74
1978	2.18	2.53	2.28	1.90	1.79
1979	2.52	2.92	2.66	2.23	1.94
1980	3.13	3.61	3.34	2.79	2.64
1981	3.65	4.16	3.91	3.29	3.46
1982	4.44	4.97	4.72	3.97	4.30
1983[P]	5.06	5.82	5.41	4.32	4.83

[P]Preliminary

AVERAGE GAS UTILITY PRICES
($/MMBtu)



Editor - Tina Murphy (703/841-8503)

[1]1984 forecasts for the residential and commercial sectors are based on available 1984 monthly data. The remaining months are derived by using a four year average.

The industrial sector forecast is also based on available 1984 monthly data. The remaining months of 1984 are heavily weighted by last years sales with no adjustment made for degree days.

[2]The percent change is a function of the 69 sample companies.

5/1/84
A1775-2

Monthly Gas Utility Statistical Report

American Gas Association

Department of Statistics

American Gas Association
1515 Wilson Blvd., Arlington, Virginia 22209
Telephone 703-841-8503

February 1984

Residential sales, commercial sales, and industrial sales showed an increase in February of 1984 compared to last year. Residential sales increased 0.9 percent, commercial sales increased 0.6 percent, and industrial sales increased 8.7 percent. The Nov.-Feb. heating season sales are up 7.2 percent from last year's comparable period.

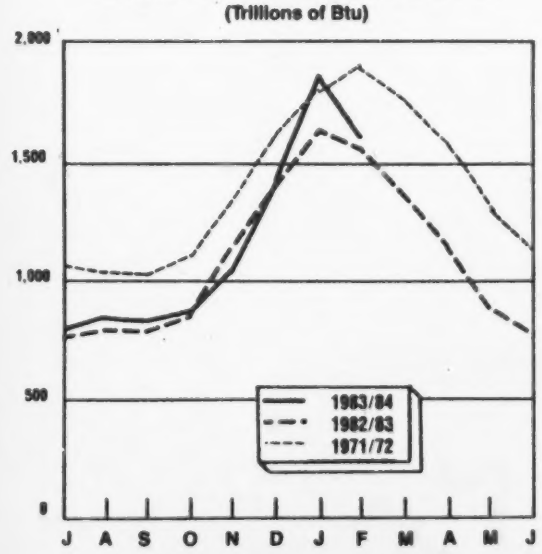
GAS SALES TO ULTIMATE CONSUMERS
(Trillions of Btu)

	February			Heating Season (Nov.-Feb.)		January 1 to December 31		
	1984	1983	% Change[2]	1984	Last Period	1984 Forecast[1]	1983[P]	% Change
Residential	687.7	681.6	+ 0.9	2,621.1	+ 10.9	4,700.3	4,479.5	+ 4.9
Commercial	326.6	324.7	+ 0.6	1,252.9	+ 8.0	2,418.8	2,319.2	+ 4.3
Industrial	541.6	498.3	+ 8.7	2,135.8	+ 2.3	6,215.7	6,134.4	+ 1.3
Other	19.4	19.2	-	73.9	-	159.7	149.1	-
Total	1,575.3	1,523.8	+ 3.4	6,083.7	+ 7.2	13,494.5	13,082.2	+ 3.2
*Degree Days	687	731	- 6.0	3,290	+ 13.9			

*(NOAA - weighted by Gas Homeheating Customers - Normal for February is 820)

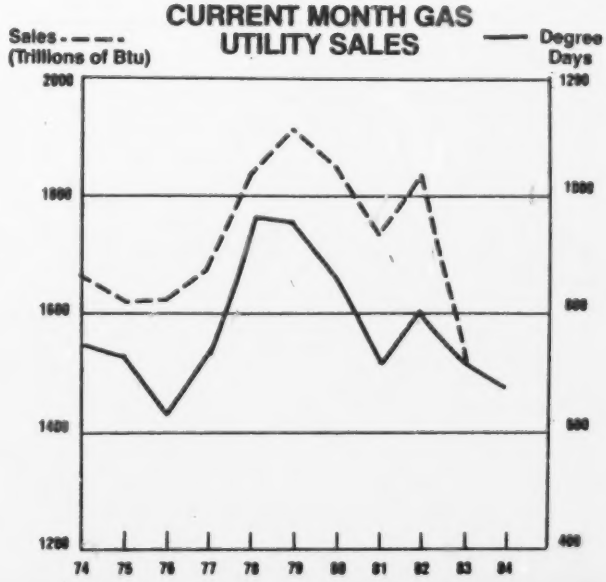
Gas sales are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas sales to ultimate consumers.
[P]Preliminary data based on A.G.A. sample.

MONTHLY GAS UTILITY SALES
(Trillions of Btu)



The peak year in sales for the Gas Utility Industry occurred in 1972.

CURRENT MONTH GAS UTILITY SALES



RESIDENTIAL APPLIANCE SHIPMENTS
(Thousands of Units)

February

	1984	1983	% Change '83 vs '84
Domestic Range			
Gas		DATA	
Electric			
Clothes Dryers			
Gas		NOT	
Electric			
Warm Air Furnaces			
Gas		AVAILABLE	
Electric			
Oil			
Boilers			
Gas			
Electric			
Oil			

Sources: Gas Appliance Manufacturers Association (GAMA)

ECONOMIC INDICATORS

February

	1984	1983	% Change '83 vs '84
Total Actual Private Housing Starts (Thous. of units)	126.8	96.3	+ 31.7
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	573.6	560.1	+ 2.4
Electricity	334.2	320.1	+ 4.4
Fuel Oil	705.0	669.7	+ 5.3

SOURCES: Department of Commerce, Bureau of Labor Statistics

Index Total Gas Sales (1967 = 100)	82.6	79.9	+ 3.4
Gas Utility Prices ($/MMBtu)			
Residential	5.58	5.57	+ 0.2
Commercial	5.34	5.38	- 0.7
Industrial	4.23	4.47	- 5.4
Total	5.06	5.17	- 2.1

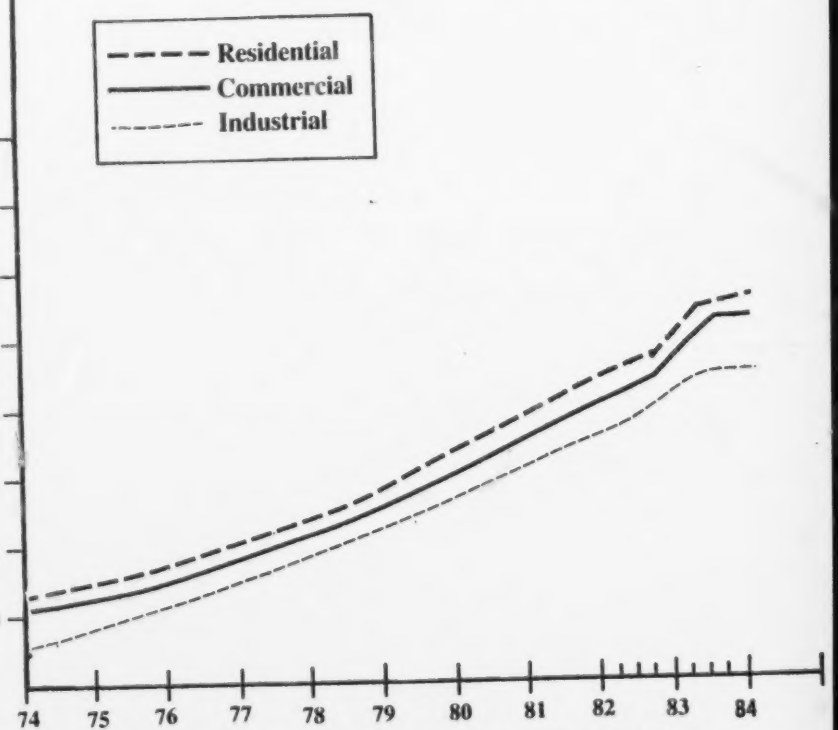
Source: A.G.A.

AVERAGE ANNUAL GAS UTILITY PRICES
($/MMBtu)

Year	Total	Res.	Comm.	Ind.	Oth.
1974	0.95	1.42	1.11	0.66	0.60
1975	1.29	1.69	1.38	0.99	0.94
1976	1.60	1.98	1.68	1.31	1.36
1977	1.97	2.33	2.07	1.69	1.74
1978	2.18	2.53	2.28	1.90	1.79
1979	2.52	2.92	2.66	2.23	1.94
1980	3.13	3.61	3.34	2.79	2.64
1981	3.65	4.16	3.91	3.29	3.46
1982	4.44	4.97	4.72	3.97	4.30
1983[P]	5.06	5.82	5.41	4.32	4.83

[P]Preliminary

AVERAGE GAS UTILITY PRICES
($/MMBtu)



Editor - Tina Murphy (703/841-8503)

[1]1984 forecasts for the residential and commercial sectors are based on available 1984 monthly data. The remaining months are derived by using a four year average.

The industrial sector forecast is also based on available 1984 monthly data. The remaining months of 1984 are heavily weighted by last years sales with no adjustment made for degree days.

[2]The percent change is a function of the 59 sample companies.

5/21/84
A1775-2

Monthly Gas Utility Statistical Report

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March 1984

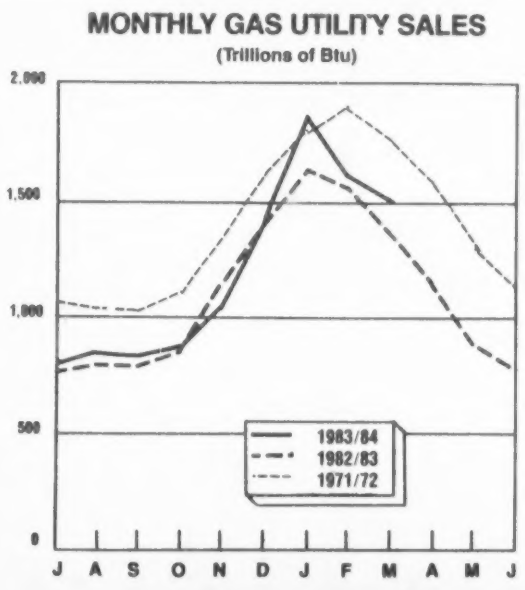
Residential sales, commercial sales, and industrial sales showed an increase in March of 1984 compared to last year. Residential sales increased 15.6 percent, commercial sales increased 15.7 percent, and industrial sales increased 8.0 percent. The Nov.-Mar. heating season sales are up 8.2 percent from last year's comparable period.

GAS SALES TO ULTIMATE CONSUMERS
(Trillions of Btu)

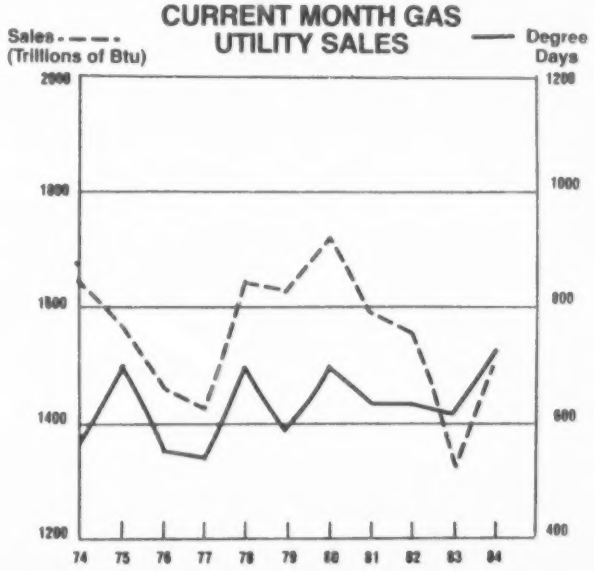
	March			Heating Season (Nov.-Mar.)		January 1 to December 31		
	1984	1983	% Change[2]	1984	Last Period	1984 Forecast[1]	1983[P]	% Change
Residential	626.7	542.2	+ 15.6	3,247.8	+ 11.8	4,721.4	4,479.5	+ 5.4
Commercial	302.2	261.2	+ 15.7	1,555.1	+ 9.5	2,431.9	2,319.2	+ 4.9
Industrial	555.9	514.8	+ 8.0	2,691.7	+ 3.4	6,256.8	6,134.4	+ 2.0
Other	16.9	14.9	-	90.8	-	159.3	149.1	-
Total	1,501.7	1,333.1	+ 12.6	7,585.4	+ 8.2	13,569.4	13,082.2	+ 3.7
*Degree Days	735	612	+ 20.1	4,025	+ 15.0			

*Source: (NOAA - weighted by Gas Homeheating Customers - Normal for March is 654)

Gas sales are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas sales to ultimate consumers.
[P]Preliminary data based on A.G.A. sample.



The peak year in sales for the Gas Utility Industry occurred in 1972.



RESIDENTIAL APPLIANCE SHIPMENTS
(Thousands of Units)

	March		
	1984	1983	% Change '83 vs '84
Domestic Range			
Gas	154.5	134.2	+ 15.1
Electric	259.5	232.3	+ 11.7
Clothes Dryers			
Gas	54.5	56.6	- 3.7
Electric	233.0	226.7	+ 2.8
Warm Air Furnaces			
Gas	127.1	118.9	+ 6.9
Electric	33.0	25.9	+ 27.2
Oil	9.9	5.6	+ 77.5
Boilers			
Gas	9.5	8.4	+ 12.7
Electric	0.1	0.1	- 2.0
Oil	5.4	4.8	+ 12.3

Sources: Gas Appliance Manufacturers Association (GAMA)

ECONOMIC INDICATORS

	March		
	1984	1983	% Change '83 vs '84
Total Actual Private Housing Starts (Thous. of units)	134.9	134.6	+ 0.2
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	571.4	568.3	+ 0.5
Electricity	335.8	321.2	+ 4.5
Fuel Oil	671.6	636.4	+ 5.5

SOURCES: Department of Commerce, Bureau of Labor Statistics

Index Total Gas Sales (1972 = 100)	85.4	75.8	+ 12.7
Gas Utility Prices ($/MMBtu)			
Residential	5.53	5.65	- 2.1
Commercial	5.17	5.25	- 1.5
Industrial	4.12	4.34	- 5.1
Total	4.94	5.06	- 2.4

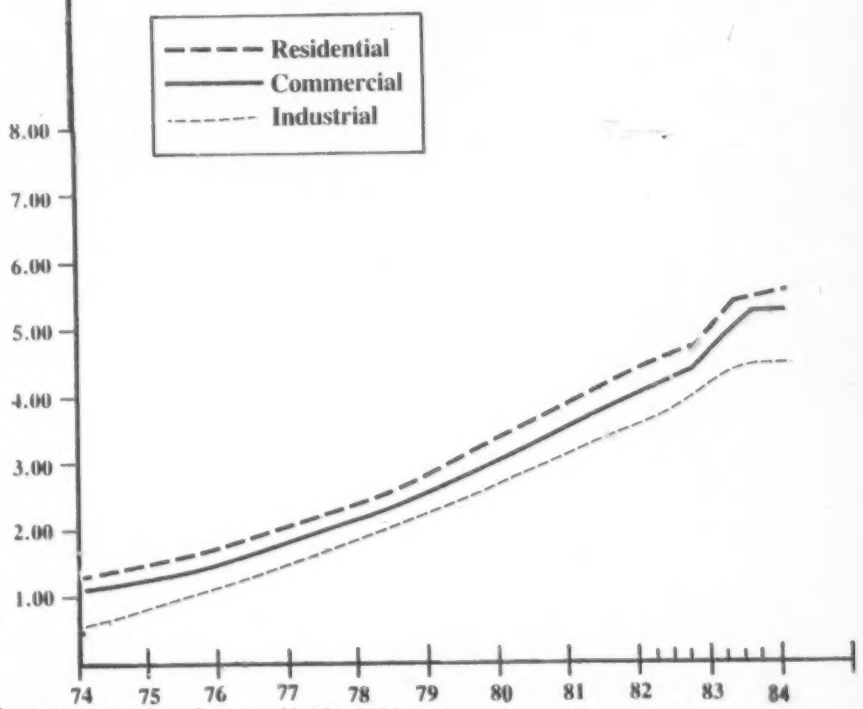
Source: A.G.A.

AVERAGE ANNUAL GAS UTILITY PRICES
($/MMBtu)

Year	Total	Res.	Comm.	Ind.	Oth.
1974	0.95	1.42	1.11	0.66	0.60
1975	1.29	1.69	1.38	0.99	0.94
1976	1.60	1.98	1.68	1.31	1.36
1977	1.97	2.33	2.07	1.69	1.74
1978	2.18	2.53	2.28	1.90	1.79
1979	2.52	2.92	2.66	2.23	1.94
1980	3.13	3.61	3.34	2.79	2.64
1981	3.65	4.16	3.91	3.29	3.46
1982	4.44	4.97	4.72	3.97	4.30
1983[P]	5.06	5.82	5.41	4.32	4.83

[P]Preliminary

AVERAGE GAS UTILITY PRICES
($/MMBtu)



Editor - Tina Murphy (703/841-8503)

[1]1984 forecasts for the residential and commercial sectors are based on available 1984 monthly data. The remaining months are derived by using a four year average.

The industrial sector forecast is also based on available 1984 monthly data. The remaining months of 1984 are heavily weighted by last years sales with no adjustment made for degree days.

[2]The percent change is a function of the 69 sample companies.

6/21/84
A1775-2

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April 1984

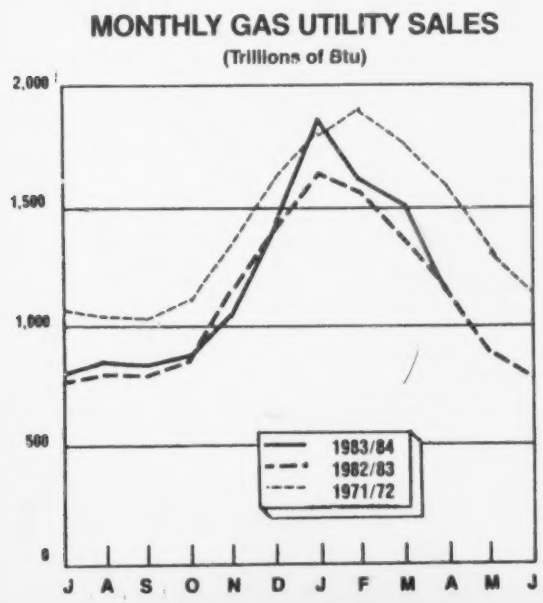
Residential sales and commercial sales declined while industrial sales showed an increase in April of 1984 compared to last year. Residential sales decreased 5.6 percent, commercial sales decreased 3.4 percent, and industrial sales increased 5.6 percent. Total sales were down 0.5 percent from 1189.9 trillion Btu in April 1983 to 1183.6 trillion Btu in April 1984.

GAS SALES TO ULTIMATE CONSUMERS
(Trillions of Btu)

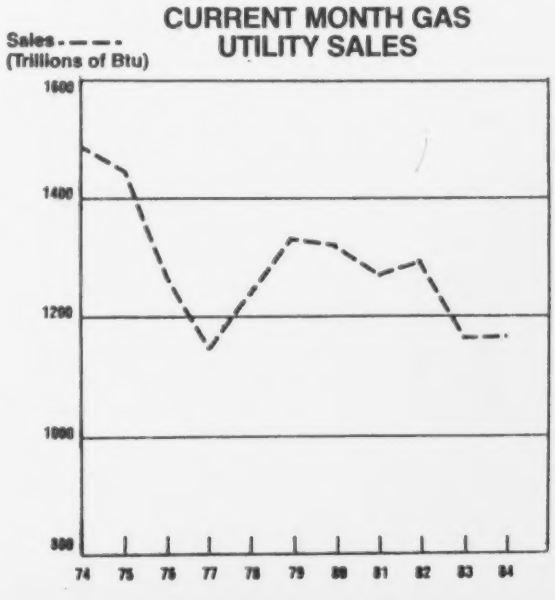
	April			Year to Date (% Change)		January 1 to December 31		
	1984	1983	% Change[2]	1984	Last Period	1984 Forecast[1]	1983P	% Change
Residential	439.3	465.3	- 5.6	2,653.4	+ 10.1	4,718.0	4,479.5	+ 5.3
Commercial	217.3	224.9	- 3.4	1,258.7	+ 9.3	2,433.8	2,319.2	+ 4.9
Industrial	514.3	487.1	+ 5.6	2,177.7	+ 7.4	6,284.0	6,134.4	+ 2.4
Other	12.7	12.6	-	69.5	-	158.7	149.1	-
Total	1,183.6	1,189.9	- 0.5	6,159.3	+ 8.9	13,594.5	13,082.2	+ 3.9
*Degree Days	384	430	- 10.7	4,409	+ 12.2			

*Source: (NOAA - weighted by Gas Homeheating Customers - Normal for April is 352)

Gas sales are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas sales to ultimate consumers.
PPreliminary data based on A.G.A. sample.



The peak year in sales for the Gas Utility Industry occurred in 1972.



RESIDENTIAL APPLIANCE SHIPMENTS
(Thousands of Units)

	April		
	1984	1983	% Change '83 vs '84
Domestic Range			
Gas	136.0	127.4	+ 6.8
Electric	237.0	200.7	+ 18.1
Clothes Dryers			
Gas	46.5	45.8	+ 1.5
Electric	203.2	190.0	+ 6.9
Warm Air Furnaces			
Gas	115.9	112.5	+ 3.0
Electric	31.8	27.0	+ 17.7
Oil	7.1	4.9	+ 45.0
Boilers			
Gas	8.3	8.4	- 0.7
Electric	0.1	0.1	- 19.4
Oil	5.1	6.0	- 15.0

Sources: Gas Appliance Manufacturers Association (GAMA)

ECONOMIC INDICATORS

	April		
	1984	1983	% Change '83 vs '84
Total Actual Private Housing Starts (Thous. of units)	154.2	138.8	+ 11.1
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	573.2	578.3	- 0.9
Electricity	338.9	319.9	+ 5.9
Fuel Oil	660.9	618.4	+ 6.9

SOURCES: Department of Commerce, Bureau of Labor Statistics

Index Total Gas Sales (1972 = 100)	76.7	77.1	- 0.5
Gas Utility Prices ($/MMBtu)			
Residential	5.80	5.79	+ 0.2
Commercial	5.43	5.48	- 0.9
Industrial	4.08	4.24	- 3.8
Total	4.99	5.10	- 2.2

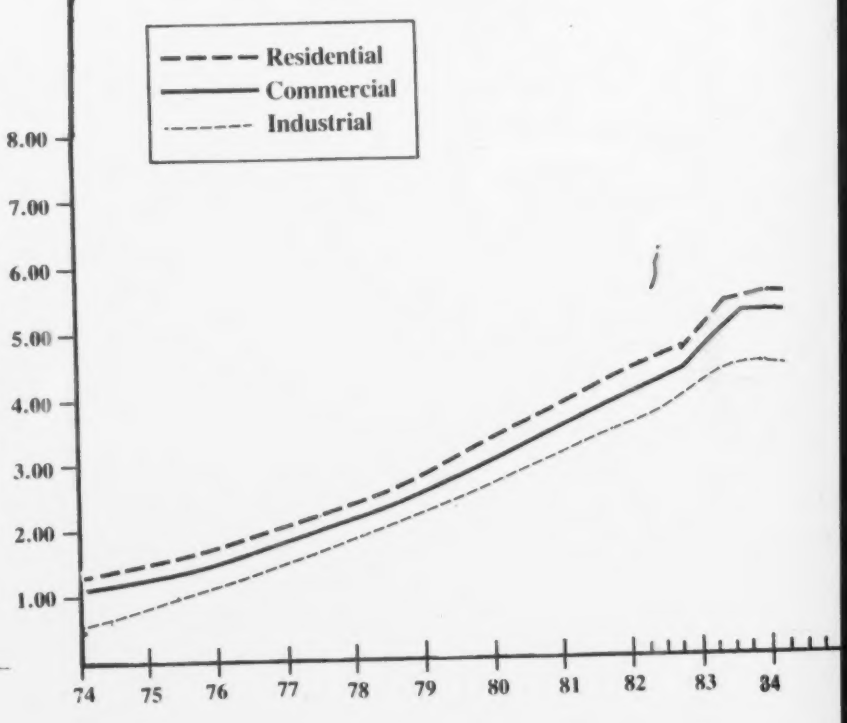
Source: A.G.A.

AVERAGE ANNUAL GAS UTILITY PRICES
($/MMBtu)

Year	Total	Res.	Comm.	Ind.	Oth.
1974	0.95	1.42	1.11	0.66	0.60
1975	1.29	1.69	1.38	0.99	0.94
1976	1.60	1.98	1.68	1.31	1.36
1977	1.97	2.33	2.07	1.69	1.74
1978	2.18	2.53	2.28	1.90	1.79
1979	2.52	2.92	2.66	2.23	1.94
1980	3.13	3.61	3.34	2.79	2.64
1981	3.65	4.16	3.91	3.29	3.46
1982	4.44	4.97	4.72	3.97	4.30
1983[P]	5.06	5.82	5.41	4.32	4.83
1984 1st Qtr.	5.22	5.63	5.44	4.41	4.89

[P]Preliminary

AVERAGE GAS UTILITY PRICES
($/MMBtu)



Editor - Tina Murphy (703/841-8503)

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A1775-2

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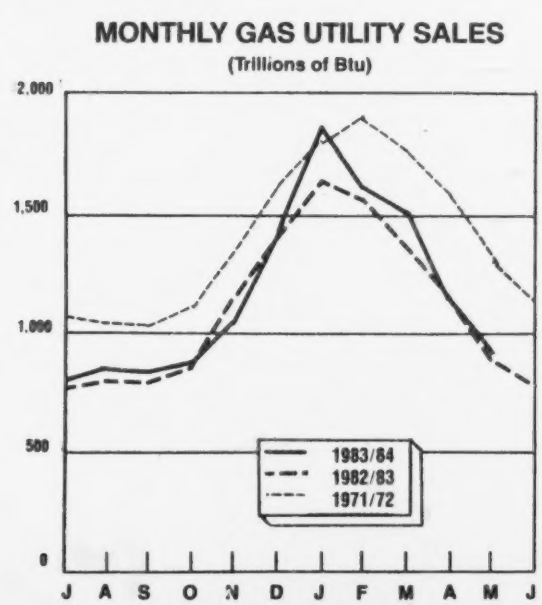
May 1984

Residential and commercial sales declined while industrial sales showed an increase in May of 1984 compared to last year. Residential sales decreased 2.3 percent, commercial sales decreased 1.5 percent, and industrial sales increased 8.9 percent. Total sales were up 3.9 percent from 904.2 trillion Btu in May 1983 to 939.1 trillion Btu in May 1984.

GAS UTILITY SALES TO ULTIMATE CONSUMERS
(Trillions of Btu)

	May			Year to Date (% Change)		January 1 to December 31		
	1984	1983	% Change[2]	1984	Last Period	1984 Forecast[1]	1983P	% Change
Residential	271.9	278.3	- 2.3	2,925.3	+ 8.8	4,728.0	4,479.5	+ 5.5
Commercial	141.1	143.2	- 1.5	1,399.8	+ 8.1	2,437.0	2,319.2	+ 5.1
Industrial	515.4	473.3	+ 8.9	2,693.1	+ 7.7	6,326.1	6,134.4	+ 3.1
Other	10.7	9.4	-	80.2	-	159.5	149.1	-
Total	939.1	904.2	+ 3.9	7,098.4	+ 8.2	13,650.6	13,082.2	+ 4.3

Gas sales are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas utility sales to ultimate consumers.
PPreliminary data based on A.G.A. sample.



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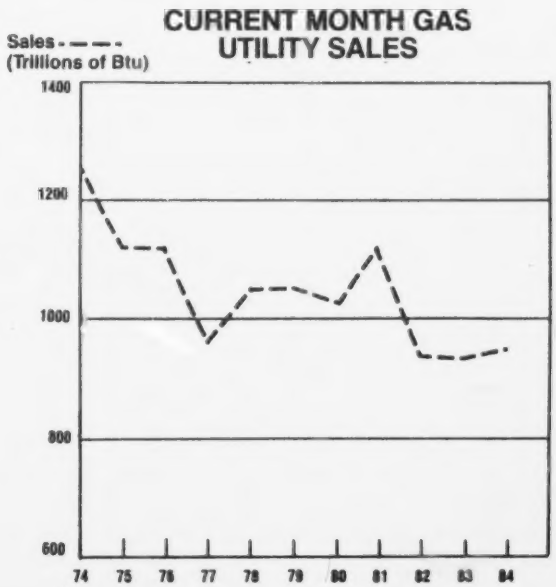


RESIDENTIAL APPLIANCE SHIPMENTS - MAY
(Thousands of Units)

	1984	1983	% Change '83 vs '84
Domestic Range			
Gas	134.3	129.4	+ 3.8
Electric	262.5	251.6	+ 4.3
Clothes Dryers			
Gas	60.7	57.2	+ 6.1
Electric	228.6	224.8	+ 1.7
Warm Air Furnaces			
Gas	118.4	101.0	+ 17.2
Electric	32.5	30.9	+ 5.3
Oil	5.3	6.5	- 18.8
Boilers			
Gas	10.4	7.0	+ 48.3
Electric	0.1	0.1	- 2.8
Oil	4.5	4.4	+ 0.7

Sources: Gas Appliance Manufacturers Association (GAMA)

ECONOMIC INDICATORS - MAY

	1984	1983	% Change '83 vs '84
Total Actual Private Housing Starts (Thous. of units)	179.8	174.9	+ 2.8
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	591.7	593.9	- 0.4
Electricity	343.0	324.7	+ 5.6
Fuel Oil	659.9	629.6	+ 4.8

SOURCES: Department of Commerce, Bureau of Labor Statistics

Index Total Gas Sales (1972 = 100)	72.7	70.0	+ 3.9
Gas Utility Prices ($/MMBtu)			
Residential	6.21	6.19	+ 0.3
Commercial	5.53	5.57	- 0.7
Industrial	4.00	4.13	- 3.1
Total	4.88	5.00	- 2.4

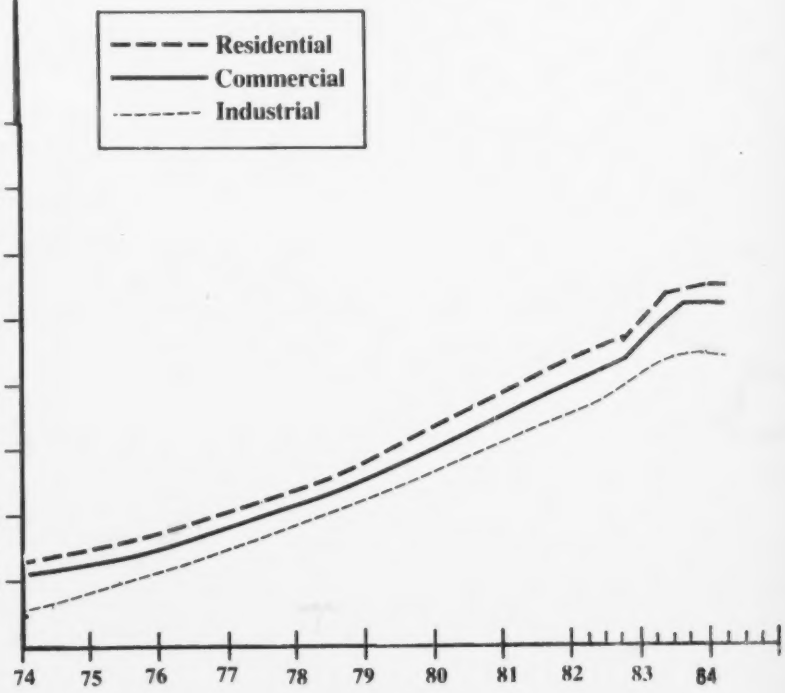
Source: A.G.A.

AVERAGE ANNUAL GAS UTILITY PRICES
($/MMBtu)

Year	Total	Res.	Comm.	Ind.	Oth.
1974	0.95	1.42	1.11	0.66	0.60
1975	1.29	1.69	1.38	0.99	0.94
1976	1.60	1.98	1.68	1.31	1.36
1977	1.97	2.33	2.07	1.69	1.74
1978	2.18	2.53	2.28	1.90	1.79
1979	2.52	2.92	2.66	2.23	1.94
1980	3.13	3.61	3.34	2.79	2.64
1981	3.65	4.16	3.91	3.29	3.46
1982	4.44	4.97	4.72	3.97	4.30
1983[P]	5.06	5.82	5.41	4.32	4.83
1984 1st Qtr.	5.22	5.63	5.44	4.41	4.89

[P]Preliminary

AVERAGE GAS UTILITY PRICES
($/MMBtu)



Editor - Tina Murphy (703/841-8503)

[1]1984 forecasts for the residential and commercial sectors are based on available 1984 monthly data. The remaining months are derived by using a four year average.

The industrial sector forecast is also based on available 1984 monthly data. The remaining months of 1984 are heavily weighted by last years sales with no adjustment made for degree days.

[2]The percent change is a function of the 69 sample companies.

A1775-2

Monthly Gas Utility Statistical Report

American Gas Association

Department of Statistics

American Gas Association
1515 Wilson Blvd., Arlington, Virginia 22209
Telephone 703-841-8503

June 1984

Residential and commercial sales declined while industrial sales showed an increase in June of 1984 compared to last year. Total sales were up 5.8 percent from 763.9 trillion Btu in June 1983 to 808.1 trillion Btu in June 1984.

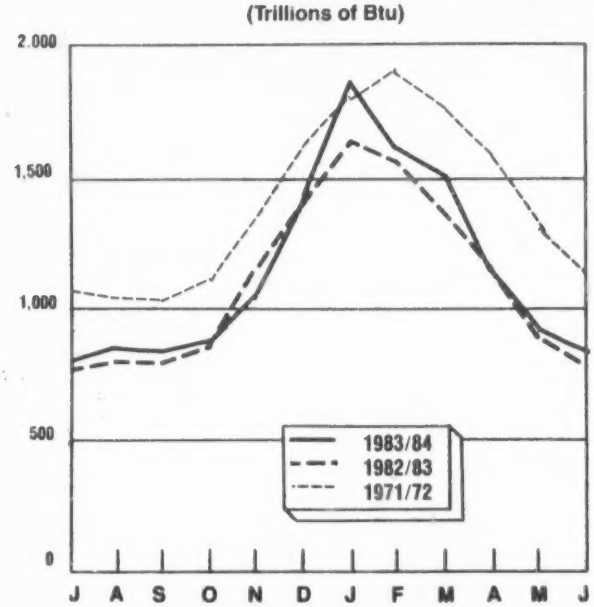
GAS UTILITY VOLUMES TO ULTIMATE CONSUMERS (Trillions of Btu)

	June			Year to Date (% Change)		January 1 to December 31		
	1984	1983	% Change[2]	1984	Last Period	1984 Forecast[1]	1983P	% Change
Residential	165.0	173.3	- 4.8	3,090.3	+ 8.0	4,720.4	4,479.5	+ 5.4
Commercial	98.7	104.0	- 5.1	1,498.5	+ 7.1	2,431.4	2,319.2	+ 4.8
Industrial	535.8	478.0	+ 12.1	3,228.9	+ 8.4	6,383.9	6,134.4	+ 4.1
Other	8.6	8.6	-	88.8	-	159.3	149.1	-
Total Sales	808.1	763.9	+ 5.8	7,906.5	+ 8.0	13,695.0	13,082.2	+ 4.7
Transportation	113.5	57.2	+ 98.4	N/A		N/A	N/A	
Total Volumes	921.6	821.1	+ 12.2	N/A		N/A	N/A	

Gas volumes are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas utility sales to ultimate consumers.
PPreliminary data based on A.G.A. sample.

MONTHLY GAS UTILITY SALES

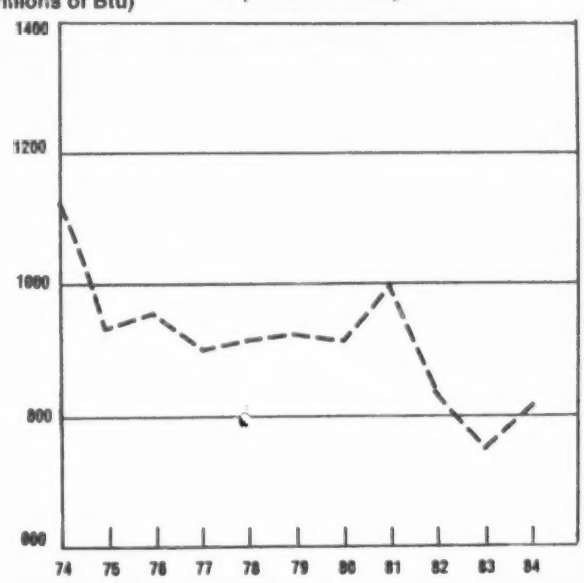
(Trillions of Btu)



The peak year in sales for the Gas Utility Industry occurred in 1972.

CURRENT MONTH GAS UTILITY SALES

Sales - — — -
(Trillions of Btu)



RESIDENTIAL APPLIANCE SHIPMENTS - JUNE
(Thousands of Units)

	1984	1983	% Change '83 vs '84
Domestic Range			
Gas	152.6	153.5	- 0.6
Electric	265.0	247.8	+ 6.9
Clothes Dryers			
Gas	55.9	52.4	+ 6.7
Electric	217.6	211.8	+ 2.7
Warm Air Furnaces			
Gas	137.4	108.4	+ 26.8
Electric	39.6	41.4	- 4.4
Oil	6.2	7.6	- 18.9
Boilers			
Gas	11.4	9.3	+ 22.8
Electric	NOT AVAILABLE		
Oil	6.3	6.1	+ 3.1

Sources: Gas Appliance Manufacturers Association (GAMA)

ECONOMIC INDICATORS - JUNE

	1984	1983	% Change '83 vs '84
Total Actual Private Housing Starts (Thous. of units)	184.9	173.8	+ 6.4
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	591.7	591.8	- 0.02
Electricity	358.6	337.4	+ 6.3
Fuel Oil	656.2	628.5	+ 4.4

Sources: Department of Commerce, Bureau of Labor Statistics

Index Total Gas Sales (1972 = 100)	68.7	65.0	+ 5.8
Gas Utility Prices ($/MMBtu)			
Residential	6.49	6.30	+ 3.0
Commercial	5.14	5.09	+ 1.0
Industrial	4.22	4.38	- 3.7
Total	4.79	4.90	- 2.2
Contract Carriage Volumes[3] (trillions of Btu)			
To End-users	113.5	57.2	+ 98.4
For End-users	40.8	17.2	+ 137.2
For Resale	237.7	142.3	+ 67.0
Total	392.0	216.7	+ 80.9

Source: A.G.A.

AVERAGE ANNUAL GAS UTILITY PRICES
($/MMBtu)

Year	Total	Res.	Comm.	Ind.	Oth.
1974	0.95	1.42	1.11	0.66	0.60
1975	1.29	1.69	1.38	0.99	0.94
1976	1.60	1.98	1.68	1.31	1.36
1977	1.97	2.33	2.07	1.69	1.74
1978	2.18	2.53	2.28	1.90	1.79
1979	2.52	2.92	2.66	2.23	1.94
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1981	3.65	4.16	3.91	3.29	3.46
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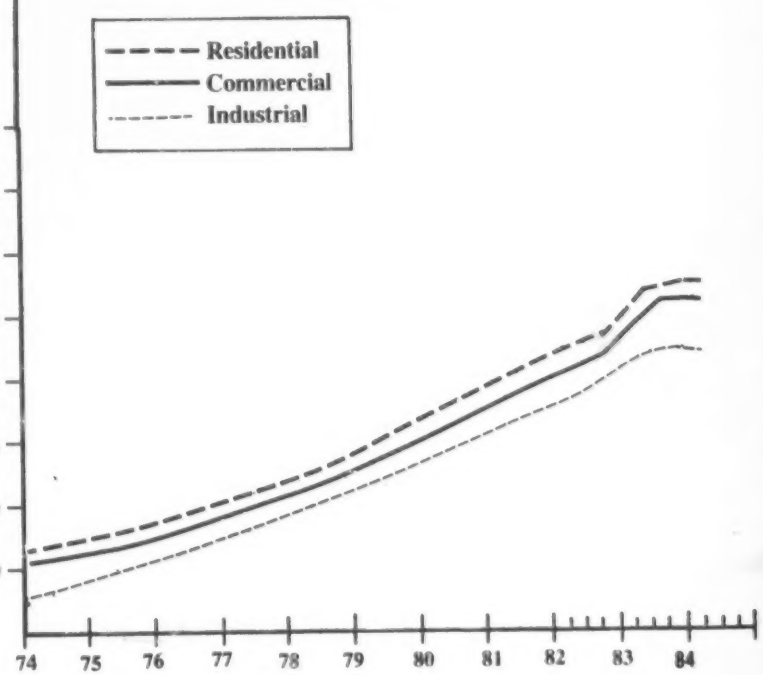
1984 1st Qtr.[P]	5.22	5.63	5.44	4.41	4.89

[P]Preliminary

AVERAGE GAS UTILITY PRICES
($/MMBtu)



Editor - Tina Murphy (703/841-8503)

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[2]The percent change is a function of the 69 sample companies.

[3]Carriage volumes determined by using a simple straight expansion of sample data to represent the total gas utility industry. Carriage volumes for ultimate consumers are volumes delivered to another transporter, not the ultimate consumer, and are therefore broken out to eliminate double counting of volumes delivered to ultimate consumers.

A1775-2

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July 1984

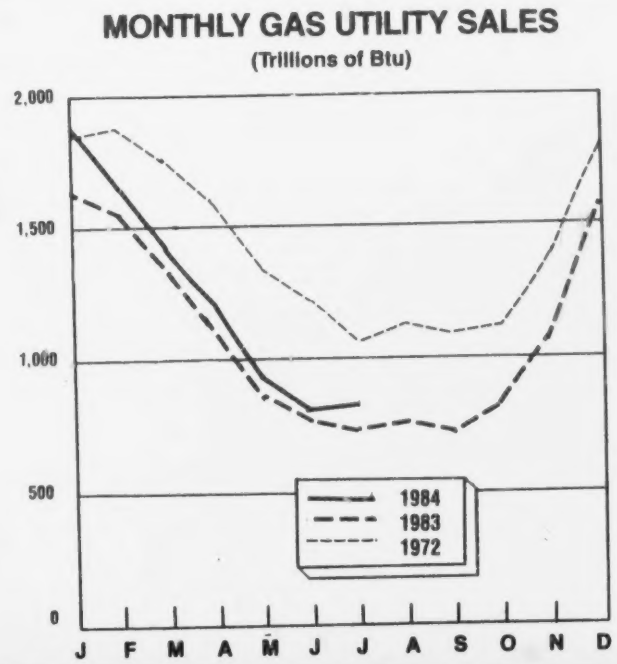
Residential and commercial sales declined while industrial sales showed an increase in July of 1984 compared to last year. Total sales were up 9.9 percent from 728.7 trillion Btu in July 1983 to 800.8 trillion Btu in July 1984.

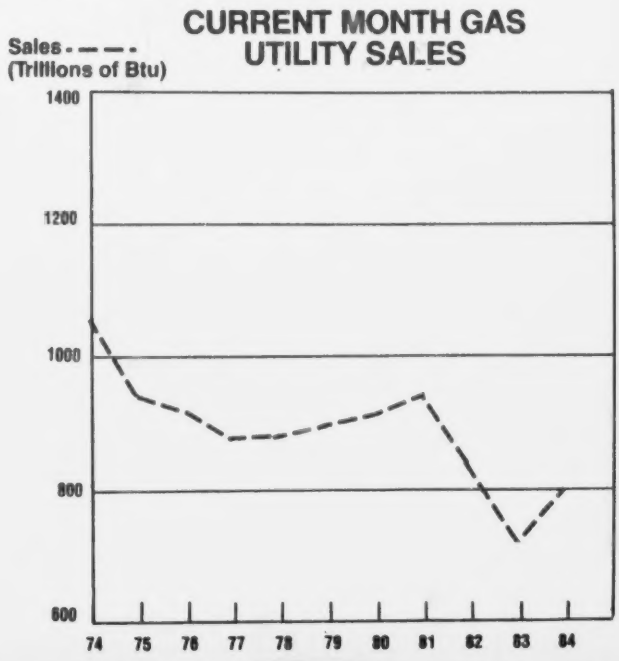
GAS UTILITY VOLUMES TO ULTIMATE CONSUMERS (Trillions of Btu)

	July			Year to Date		January 1 to December 31		
	1984	1983	% Change[2]	1984*	(% Change) Last Period	1984 Forecast[1]	1983	% Change
Residential	127.5	131.8	- 3.3	3,204.9	+ 7.4	4,693.2	4,450.2	+ 5.5
Commercial	86.6	88.9	- 2.6	1,585.8	+ 6.6	2,418.0	2,298.4	+ 5.2
Industrial	579.8	501.6	+ 15.6	3,763.0	+ 9.3	6,290.8	5,970.0	+ 5.4
Other	6.9	6.4	-	98.7	-	158.1	140.4	-
Total Sales	800.8	728.7	+ 9.9	8,652.4	+ 8.1	13,560.1	12,859.0	+ 5.5
Transportation	112.2	40.6	+176.4	N/A		N/A	N/A	
Total Volumes	913.0	769.3	+ 18.7	N/A		N/A	N/A	

Gas volumes are based on a sample of 69 companies whose sales constitute about 65 percent of the total gas utility sales to ultimate consumers.

*The year-to-date sales figures have been adjusted to reflect 1983 Gas Facts.





RESIDENTIAL APPLIANCE SHIPMENTS - JULY
(Thousands of Units)

	1984	1983	% Change '83 vs '84
Domestic Range			
Gas	120.8	104.1	+ 16.0
Electric	266.9	196.7	+ 35.8
Clothes Dryers			
Gas	56.3	42.9	+ 31.2
Electric	226.3	163.5	+ 38.4
Warm Air Furnaces			
Gas	134.4	113.4	+ 18.5
Electric	33.4	29.1	+ 14.9
Oil	7.2	6.1	+ 17.8
Boilers			
Gas	8.7	7.2	+ 21.0
Electric	0.1	0.1	- 14.6
Oil	5.1	4.5	+ 12.2

Sources: Gas Appliance Manufacturers Association (GAMA)

ECONOMIC INDICATORS - JULY

	1984	1983	% Change '83 vs '84
Total Actual Private Housing Starts (Thous. of units)	162.5	161.6	+ 0.6
Consumer Price Index (All urban, unadjusted, 1967 = 100)			
Gas (utility pipe gas)	589.7	593.0	- 0.6
Electricity	368.7	341.1	+ 8.1
Fuel Oil	646.2	627.2	+ 3.0

Sources: Department of Commerce, Bureau of Labor Statistics

Index Total Gas Sales (1972 = 100)	75.8	69.0	+ 9.9
Gas Utility Prices ($/MMBtu)			
Residential	6.86	6.73	+ 1.9
Commercial	5.68	5.62	+ 1.1
Industrial	4.19	4.33	- 3.2
Total	4.78	4.92	- 2.8
Carriage Volumes[3] (trillions of Btu)			
To Ultimate Consumers	112.2	40.6	+ 176.4
For Ultimate Consumers	30.3	9.8	+ 209.2
For Resale	175.0	100.9	+ 73.4
Total	317.5	151.3	+ 109.8

Source: A.G.A.

AVERAGE ANNUAL GAS UTILITY PRICES
($/MMBtu)

Year	Total	Res.	Comm.	Ind.	Oth.
1974	0.95	1.42	1.11	0.66	0.60
1975	1.29	1.69	1.38	0.99	0.94
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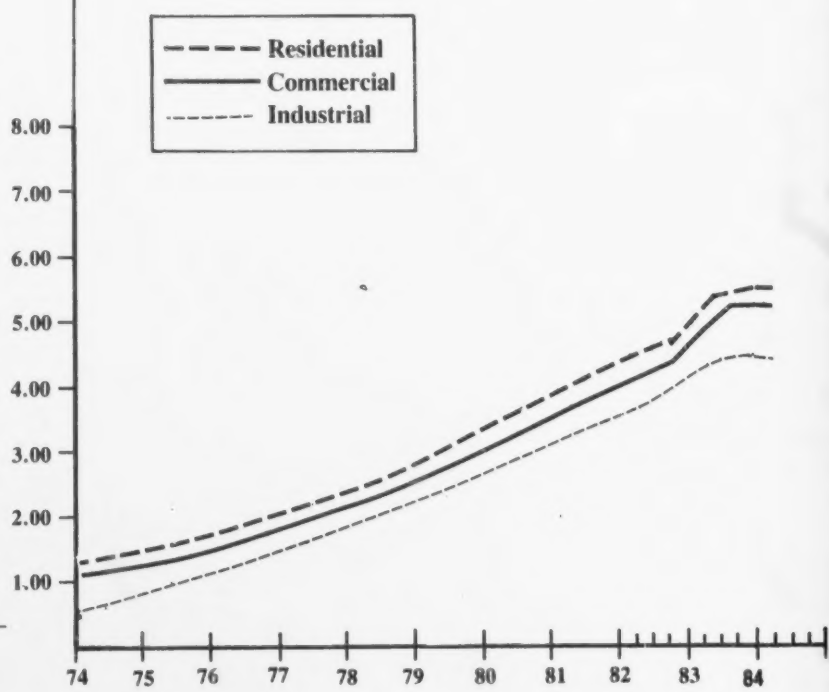

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